



# National Voluntary Laboratory Accreditation Program



## SCOPE OF ACCREDITATION TO ISO/IEC 17025:1999

### CDRH X-Ray Calibration Laboratory

Health X-Ray Calibration Laboratory  
12720 Twinbrook Parkway HFZ-140  
Rockville, MD 20857

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### CALIBRATION LABORATORIES

NVLAP LAB CODE 105018-0

Scope Revised: 2006-06-14

This facility has demonstrated compliance with the NVLAP Criteria for Calibration Laboratories under the field of Ionizing Radiation for the following:

| <i>Procedure/Instruments</i>                     | <i>Beam Codes</i>   | <i>Range</i>         | <i>Uncertainty</i> |
|--|---|----------------------|--------------------|
| Calibration of Survey Instruments                | H50   | 0.5 mR/h to 200 mR/s | 5 %                |
| Calibration of Instruments for Diagnostic Levels | L80, L100, M20, M30, M50, M80, M100, and M120                                     | 2 mR/s to 100 mR/s   | 3 %                |
| Mammography entrance                             | Mo/Mo 25, Mo/Mo28, Mo/Mo 30, Mo/Mo 35, Mo/Rh 28, Mo/Rh 32, Rh/Rh 30, and Rh/Rh 35 | 5 mR/s to 200 mR/s   | 3 %                |
| Mammography exit                                 | Mo/Mo 25X, Mo/Mo 28X, Mo/Mo 30X, Mo/Mo 35X, Rh/Rh 30X, and Rh/Rh 35X              | 2 mR/s to 17 mR/s,   | 3 %                |
| Calibration of Reference-Class Instruments       | L80, L100, M20, M30, M50, M80, M100 and M120                                      | 2 mR/s to 100 mR/s   | 3 %                |

2006-01-01 through 2006-12-31

*Effective dates*

*For the National Institute of Standards and Technology*



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| Mammography entrance | Mo/Mo 25, Mo/Mo28, Mo/Mo 30, Mo/Mo 35, Mo/Rh 28, Mo/Rh 32, Rh/Rh 30, and Rh/Rh 35 | 5 mR/s to 200 mR/s | 3 % |
| Mammography exit     | Mo/Mo 25X, Mo/Mo 28X, Mo/Mo 30X, Mo/Mo 35X, Rh/Rh 30X, and Rh/Rh 35X              | 2 mR/s to 17 mR/s, | 3 % |

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